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Appln. No.: 09/851,849
Filing Date: May 9, 2001

Title: Router Apparatus

Attorney Docket No. 10420/12

No. of Pages 5
(inc. this page): 6

Confirmation Copy To Follow: Yes ☐ No ☒

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Cover Message:

In re Appln. of: David et al.
Appln. No.: 09/851,849
Filed: May 9, 2001
For: Router Apparatus

Examiner: Erica E. Cadugan
Art Unit: 3722

Attorney Docket No: 10420/12

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JUL 23 2007

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence, totaling 4 pages including recited attachments, is being facsimile transmitted to the United States Patent and Trademark Office at facsimile no.: 571-273-8300 (Central number) on the below date:

Date: July 23, 2007 Name: Anastasia Heffner

Signature: *Anastasia Heffner*

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: David et al.
Appln. No.: 09/851,849
Filed: May 9, 2001
For: Router Apparatus

Examiner: Erica E. Cadugan
Art Unit: 3722

Attorney Docket No: 10420-12

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Attached is/are:

- ☒ Response to Notice of Non-Compliant Appellants' Brief
☒ Return Receipt Postcard.

Fee calculation:

- ☒ No additional fee is required.
☐ Small Entity.
☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(____).
☐ An additional filing fee has been calculated as shown below:

			Small Entity		Not a Small Entity	
	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or Rate
Total	Minus			x \$25=		x \$50=
Indep.	Minus			x 100=		x \$200=
First Presentation of Multiple Dep. Claim				+\$180=		+\$360=
			Total	\$	Total	\$

Fee payment:

- ☐ A check in the amount of \$_____ is enclosed.
☐ Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
☐ Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

7-23-07
Date: July 23, 2007

Respectfully submitted,

Anastasia Heffner
Anastasia Heffner (Reg. No. 47,638)

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NBS Tower, Suite 2000, 455 N. Dearborn Place, Chicago, IL 60611-5500

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CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. §1.8

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Date: July 23, 2007 Name: Anastasia Heffner

Signature: Anastasia Heffner

Our Case No. 10420-12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

David et al.

Serial No. 09/851,849

Filing Date: May 9, 2001

For Router Apparatus

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) Examiner: Erica E. Cadugan

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) Group Art Unit No.: 3722
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Response to Notice of Non-Compliant Appellants' Brief

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In reply to the Office Communication dated June 22, 2007, Applicant has filed this Response to the Notice of Non-Compliant Amendment by Certificate of Mailing and has added the reference characters from the drawings (where appropriate) to the various claim elements. Please replace the section of Appellant's appeal brief entitled Summary of the Claimed Subject Matter with the following section:

Summary of the Claimed Subject Matter:

The invention relates to an aircraft skin lap router apparatus (70) (page 5, lines 1-2). The apparatus (70) includes a guide (62) that is fastened to the skin by fasteners (58) drilled through the skin (page 5, lines 2-4; page 6, lines 15-16; Fig. 8). A platform (64) is mounted on the guide (62), and a router (60) has a vertical adjustment (73, 75) and is mounted on the platform (64) (page 5, lines 6-7; page 5, lines 15-16; page 9, lines 5-12; Figs. 6-8). A vacuum fitting (86) is mounted on the platform (64) (page 6, lines 6-8; Fig. 8). When an operator adjusts the router vertical adjustment (73, 75) for a desired depth-of-cut on the aircraft skin lap, the router (60) cuts the skin lap, and removes debris via the vacuum fitting (86) (page 5, lines 25-29; page 6, lines 6-10).

According to another aspect of the invention, the operator adjusts the router vertical adjustment (73, 75) for a desired depth-of-cut and moves the platform (64) continuously along the guide (62) to make a desired cut (page 5, line 30-page 6, line 3; Fig. 7).

According to another aspect of the invention, an aircraft skin lap router apparatus (70) includes a nylon guide (62) fastened to the skin by fasteners (58) drilled through the skin (page 5, lines 1-5). A platform (64) is mounted on the guide (62) and interfaces with the guide (62) through at least one bearing (66) (page 5, lines 6-7; page 6, lines 3-5; Fig. 8). A router (60) has a vertical adjustment (73, 75) within one-thousandth of an inch and is mounted on the platform (64) (page 9, lines 6-12; Figs. 6-7). The router (60) has at least two hand grips (78) and a speed adjustment (76) and is adapted to receive a source of power (page 5, lines 7-9; page 5, lines 12-14; Fig. 8). An end mill (82) is mounted removably on the router (60) (page 5, lines 9-11; page 9, lines 13-15). A vacuum fitting (86) is mounted on the platform (page 6, lines 6-8; Fig. 8). When an operator adjusts the router vertical adjustment (73, 75) for a desired depth-of-cut on the aircraft skin lap, the router cuts the skin lap, and removes debris via the vacuum fitting (86) (page 5, lines 25-29; page 6, lines 6-10).

According to another aspect of the invention, a sheet metal router apparatus (70) includes a nylon guide (62) fastened to the sheetmetal by fasteners (58) drilled through the sheetmetal (page 8, lines 3-14). A platform (64) is mounted on the guide (62) and interfaces with the guide (62) through at least one bearing (66) (page 8, lines 17-18; page 8, lines 20-22). A router (60) has a vertical adjustment (73, 75) within one-thousandth of an inch and is mounted on the platform (64) (page 9, lines 6-12; Figs. 6-7). The router (60) has at least two hand grips (78) and

a speed adjustment (76) and is adapted to receive a source of power. An end mill (82) is mounted removably on the router (60) (page 5, lines 7-9; page 5, lines 12-14; Fig. 8). A vacuum fitting (86) is mounted on the platform (64) (page 6, lines 6-8; Fig.). An operator adjusts the router vertical adjustment (73, 75) for a desired depth-of-cut and moves the platform (64) continuously along the guide(62) to make a desired cut, and removes debris via the vacuum fitting (86) (page 5, lines 25-29; page 6, lines 6-10).

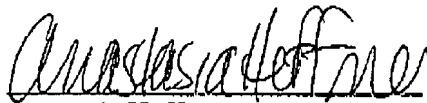
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SUMMARY

Per the Office Communication, Applicant is not filing an entire new brief. If any issues remain regarding the Appellants' Appeal Brief, the Examiner is invited to contact the undersigned attorney for the Appellants via telephone.

Respectfully submitted,



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